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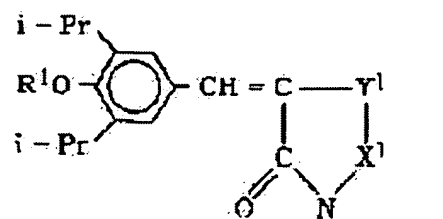
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(54) ANTITUMOR AGENT

(57)Abstract:

PURPOSE: A new antitumor agent containing a diisopropylbenzylidene heterocyclic compound exhibiting a thyroxinase activity as an active ingredient, and having low toxicity and strong safety.



CONSTITUTION: An antitumor agent containing a 3,5-diisopropylbenzylidene heterocyclic compound of formula I [R1 is H, benzyl; R2 is H, acyl of formula COR3 (R3 is H, 1-3C alkyl), etc.; X1 is group of formula II or III, etc.; Y1 is CH2, group of formula II, etc.; i-Pr is isopropyl] or its salt as an active ingredient. 2--(3,5-Diisopropyl-4-hydroxybenzylidene)-1,4-benzothiazine-3-(4-hydrogen)- one-1,1-dioxide and 3-(3,5-diisopropyl-4-hydroxybenzylidene)-2-oxyindole are preferable as the compounds of formula I. The active ingredient of the formula I is preferably administered at a dose of 10-1000mg/kg several times a day, i.e., totally at a dose of 20-4000mg/kg a day.

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## LEGAL STATUS

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